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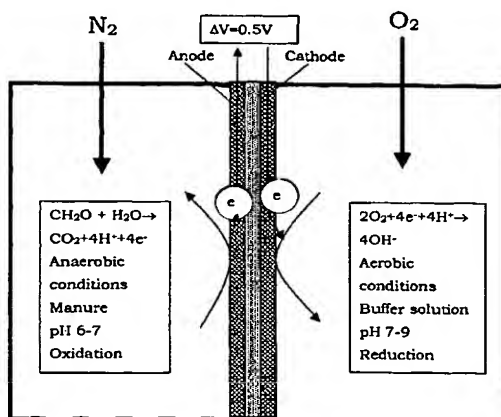
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[Continued on next page]



(57) Abstract: The invention relates to a method for processing organic waste in an environmentally friendly manner, and to a device suitable thereto. According to the invention, the waste flow is processed in a bipolar biofuel cell. To this end, the waste is introduced into a space in which a pair of electrodes is present, which pair of electrodes comprises at least one anode and at least one cathode, while in a bipolar cell the anode and cathode are separated spatially and/or by a porous, electronically non-conductive, non-ion-selective wall, while an oxidizer is introduced in the space around the cathode, and where a potential difference is formed across said pair of electrodes such that at the anode CO₂ is produced and that electricity is produced. The method according to the invention can be carried out with waste flows comprising animal manure, waste water, waste water purification sludge, kitchen and garden waste (KGW), roadside grass, residual flows from industrial processes (such as molasses, whey, draff) and/or dredgings.



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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

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A	column 8, line 35 - line 46; claims 1-23; figure 1	3-6,8-22
X	WO 01 04061 A (KOREA INST SCIENCE TECHNOLOGY ;KIM BYUNGHONG (KR); PARK HYUNGSOO () 18 January 2001 (2001-01-18) the whole document	1,2,7
X	HABERMANN W ET AL: "BIOLOGICAL FUEL CELLS WITH SULPHIDE STORAGE CAPACITY" APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, SPRINGER VERLAG, BERLIN, DE, vol. 35, no. 1, 1991, pages 128-133, XP000862908 ISSN: 0175-7598 the whole document	21
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Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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